

Logan, Mary

From: Logan, Mary
Sent: Thursday, July 28, 2016 8:53 AM
To: Sally Kniffen
Cc: Russell, Diane; Clarke, Rosita; Manville, Jennifer; Prendiville, Timothy
Subject: Tittabawassee River - upcoming Segments 4 & 5 cleanup proposal
Attachments: TR Seg 45 PP formatted 7-26-2016.pdf

Hi Sally,

Hope you are well. I imagine that things are busy at Mt. Pleasant!

EPA is preparing to propose a cleanup plan for dioxin-contaminated in-channel sediment and riverbank soil in Segments 4 & 5 of the Tittabawassee River. The draft fact sheet is attached – this will ultimately be released to the public. Segments 4 & 5 include an approximate 6.1 mile stretch of the river starting about 11.5 miles below the confluence of the Chippewa and Tittabawassee Rivers. EPA has two main goals for these Segments 4 & 5 actions: 1) reduce the spread of dioxin-contaminated riverbank soil or sediment that may increase surface sediment dioxin levels in or downstream of Segment 4 & 5; and 2) reduce Segments 4 & 5 contributions to dioxin in fish. Similar to upstream, there are distinct areas within Segments 4 & 5 that require cleanup called Sediment Management Areas, or SMAs, and Bank Management Areas, or BMAs. EPA is working with MDEQ to develop the proposed plan. The following steps are part of EPA's proposed plan:

- SMA 5-1 – Use a combination of technologies that include digging up and removing some contaminated sediment, safely covering/capping other areas, and monitoring areas where contamination is already buried.
- SMA 5-2 – Cover/cap contaminated sediment to keep it safely in place.
- BMAs 4-1 through 4-6 and 5-1 through 5-10 – Stabilize the bank and stop erosion of contaminated riverbank soil.

I'll be in Midland the week of August 22, 2016, and could meet with you, if you'd like to discuss this in person. Alternatively, we could talk by phone at a mutually agreeable date. If you have any comments on the proposed alternatives or the fact sheet, please provide those no later than August 26, 2016.

The proposed cleanup plan for Segments 4 & 5 is very similar to the Segment 2 cleanup done in 2014 and 2015 and the Segment 3 cleanup, which is underway and expected to be complete this year. If you'd like a tour to see the work, please let me know and I'll coordinate it (or you can ask Dow directly).

If the Saginaw Chippewa Indian Tribe of Michigan would like formal consultation now, or any time, please let me know. That would need to involve tribal leadership and upper managers at EPA, and likely attorneys/counselors from each.

Thanks. Mary

Mary P. Logan

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